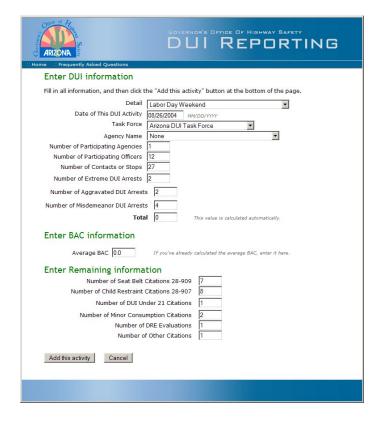# GOHS Law Enforcement
Data Entry Web Site project

web-based entry of DUI Reporting Statistics

Making Arizona Highways Safer

The Arizona Governor's Office of Highway Safety (GOHS) is the focal point for highway safety and DUI (driving under the influence) issues in Arizona. Since 1986 GOHS has led a statewide DUI task force that coordinates law enforcement efforts across the state, funds DUI enforcement equipment and overtime, and involves itself in legislative and media advocacy efforts. With 16 Task Force deployments throughout the state, this combination of municipal police agencies, county sheriff's departments, park, tribal, university police departments, and the Department of Public Safety makes up a formidable force in the fight against impaired drivers.

In addition to enforcement efforts, the DUI Task Force captures and reports statistics regarding incidents involving impaired drivers. Such reporting serves to inform the public and maintain a high visibility for the DUI Task Force in efforts to prevent impaired driving occurrences. Public access to these reports results in strong media coverage of the DUI issue in Arizona. When the DUI Task Force began, members across the state would fill out paper DUI data sheets by hand and send them to a central location where information would be manually entered into a computer for tabulation. The manual process was time consuming and delayed public access to DUI information. GOHS felt that more immediate public access would increase the efficacy of the Task Force.

To assist them in this goal, in 2002 GOHS asked the State of Arizona's Arizona @ Your Service Web Portal (AAYS) to design, develop, and deliver the GOHS Law Enforcement Data Entry Web Site, an innovative solution that allows officers to enter law enforcement data via the Internet using electronic forms. With the new GOHS solution, DUI Task Force information is now stored in a centralized database from which reports can be created immediately. Press releases can be created as frequently each day, reporting the DUI enforcement statistics of the previous day – always keeping potential impaired drivers aware that the DUI Task force is in action.

The AAYS State Portal Help GOHS Promote Its Message

The AAYS Portal made the DUI Reporting application possible for GOHS. The AAYS Portal is a proven, cost effective, flexible, and secure set of technologies for supporting e-government initiatives for Arizona government agencies. The AAYS Portal provides government agencies with a powerful 24x7 platform for delivering e-government services to their customers. With AAYS, agencies gain faster project startup, expert project governance, access to technical consulting and application development skills, a robust shared and managed infrastructure, and a growing set of shared services to support their applications. The GOHS solution design fully leverages AAYS Portal resources and infrastructure, so development and delivery occurred quickly and project cost was kept to a minimum.

The DUI Reporting application is hosted on the AAYS Portal's robust, monitored, highly secure, and highly available infrastructure that allows access to GOHS data virtually 24 hours a day, 7 days a week. The AAYS Portal infrastructure is based on a proven e-business framework which provided the model for designing and operating the GOHS solution. And the AAYS Portal's open application and networking standards ensure GOHS technology compatibility and flexibility now and in the future. This existing infrastructure helped make it possible for GOHS to undertake the Law Enforcement Data Entry Web Site project without having to produce the up-front capital necessary for building a new infrastructure.

The AAYS Portal Application Development Delivery Team worked closely with GOHS experts to develop the solution from the ground up using proven design, development, testing and delivery techniques. With several years experience creating successful Arizona web sites and applications, the Application Development Delivery Team made optimal use of the AAYS Portal technical architectures, including WebSphere Application Server, Java, and highly available servers, to create a robust and easy-to-use DUI Reporting application. The GOHS solution uses the AAYS Portal's standard architecture built on Java Server Pages (JSP) and Java Servlets executing in a powerful WebSphere Application Server environment.

AAYS Supports the GOHS Application as It Grows

In addition to offering high quality, low-cost design, development, and delivery, the AAYS Portal supports agencies when their applications require change and growth. The GOHS DUI Report Web Site application is a good example. Prior to the 2004 Labor Day weekend, GOHS had pinpointed a number of updates and changes to the DUI Reporting System. The application had gone through sufficient real-world use to determine some changes and additions that would improve the ease and speed of reporting for Task Force members in the field. Because holidays such as the fast-arriving Labor Day add a greater number of impaired drivers to the road, GOHS asked the AAYS team whether the updates and additions could be online prior to the busy holiday. The AAYS team successfully stepped up to the challenge of a tight deadline and delivered a flawless upgrade to the application in time for what ended up being a busy weekend for the DUI Task Force.

CONTACT

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